

AMERICAN IONOSPHERIC PROPAGATION ASSOCIATION

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Volume 7, Number 8

July 6, 1960

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EDITORIAL.....

The Republicans came, the AIPA went, that's the story from Chicago, and a happy one at that for all the lucky AIPA'ers who attended our sixth annual convention. Our kind host's: Tom Hidley, John Opyd, and Ed Prond provided us with a heartwarming gathering, not soon to be forgotten. We indeed owe this kind trio our uppermost gratitude, for all the labor and expense they incurred to make this affair possible. Special consideration must be given Mrs. Hidley and Mrs. Prond, for all their tireless efforts in the culinary department.

As the convention approached its final hours late Sunday afternoon (the 17th) an informal meeting of those in attendance was called to order!(at the time of this writing the notes of the meeting are not available.) But the major points can be covered. The first recall was a proposal by B.J.Bingham of Festus Mo. to increase the present board member staff from 6 to 9 members(Next election this will become fact!) A follow-up suggestion by Don Roller, Ft.Wayne, Ind. was that the board should be elected by regions as divided by the AIPA.(Any suggestions and this could be worked out?) Larry Vehorn of Indianapolis Ind. said he would like to see more technical matter in the bulletin. (We would welcome such articles etc. in our bulletin, we need the writers, but can suggest "DXing Horizons" to fill your needs in the time beingHi) A most exacting point was brought up by Carter Bays of Culver, Ind. A suggestion that the quality of the grammar, spelling, and related subjects in the bulletin be improved! Actually this matter was a "post meeting" affair, but I believe its nature demands mention here. As for an answer we must understand that common mistakes in typing are not under attack, but rather repeated errors that crop up time and time again! We can only suggest a more careful eye be cast on your AIPA copy in the future... Well that about covers the topic's from the banquet table. If your idea wasn't mentioned here, please be certain it's under consideration at AIPA HQ.

This may seem a bit premature to some of you, but the site of the 1961 AIPA convention is already being thought of! Two generous offers for next years doing's have already been received. First from AIPAer Dick Millar of 823 Wyandotte in Royal Oak, Mich.(a Detroit suburb) and secondly from Bob Seybold of 27 Pennsylvania Ave. in Dunkirk, N.Y. Keep both spots in mind, as in last years case, you will decide the final location, by a vote to be held in the near future!

Last, our most profound sympathy's are extended to Art on the recent Un-timely death of his brother after a very short heart illness.

73's

King Schafer

AMERICAN IONOSPHERIC PROPAGATION ASSOCIATION

Aug. 6, 1960

FCC NEWS.

There is not much to report in the way of FCC News, this is a usual thing during the summer months. We will therefore fill in with bits of other news.

New Grants:

Ch 9 Antigonish, N.S. Canada 73Kw.
Ch 80 in Mont Blank Canada.
401 watts V. 200 Aud.
sat of CHAW.

Applications:

Ch 9 San Antonio, Tex. (Ed.)
316 Kw -158Kw.
Ch 22 KVDO-TV Corpus Christi, Tex.
request change to Ch 3
100Kw.

KPHO-TV ch 5 Phoenix, Ariz. now on full power, 100Kw.
WSAV-TV ch 3 Savannah, Ga. went on full 100Kw July 23, 1960.
Fresno, Calif. area made all UHF Market..ch 12 KFRE-TV to ch 30..etc.
KTBS-TV Shreveport, La. OK'ed to erect a 1,600 foot new tower...
WMVS-TV Ed. Milwaukee, Wisc. up power to full 316Kw-159Kw.
WAFB-TV ch 28 Baton Rouge, La. received OK to temporary operate on
ch 9 for 90 day period.
KBMB-TV Bismark, N.D. joins ABC-TV Aug 9th.

My sincere thanks to the Chicago Hosts for the wonderful time shown us at the National Convention, it was by far the largest gathering of AIPA'ers. I only wish that all could of attended this affair. Plans are in the making for next year with Dunkirk, N.Y. and the Detroit, Mich. area offered. Again we ask for your cards to let us know where YOU want it to be held.

The recent article by King Schafer in P-E has produced some new members, and there will be more..

Warren E. Garrett, 309 Chestnut. La Grange, Ky.
Thomas Leu 6813 1/2 Hobart. Chicago 31, Ill.
David Bomeroy 6308 W. 82nd. Terrace Overland Park, Kansas.
Eric Nelson 70 Western St. Sussex, N.B. Canada.
Peter Paul Gaddy (Attorney) 501 E. Butterfield Rd. Elmhurst, Ill.
Elwood R. Walter 850 So. 194 st. Seattle 88, Wash. want info-pep up set
Emmett Robinson, Jr. 3838 State Bridgeport, Mich. (Justice of the
peace). thanks to James Hughes of WKNX-TV for this member.
Walker Ray 3843 Charles St. Baton Rouge, La. (an old AIPA'er back.)
Larry Vehorn 3640 Olender Dr. Indianapolis 41, Ind. another member and
convention host of few years ago, back into the fold and we're glad.
Larry would like to get in touch with members who can come up with
some constructive articles, experimental lines, Propagation material,
bits of information along the Club's title that would prove very
interesting to our members. Can we ask you to co-operate if possible.

Re-newals: Ghislain Girard-5th year. Don Roller 5th yr.
Carlton Howington his 5th yr. Clinton Day, 5th yr.
Frank Wheeler into his 5th yr. Frank is to compile a listing
such as the one from J. Broomall. (please write Frank.)
Bill Eckberg his 5th yr. Jim Pirch 2nd yr. E.C. Games 2nd. yr.
John Dyckman 2nd yr. Ray Foster, Jr. 2nd yr. Joe Gallagher 2nd yr.

Note: Don Ruland of Holly Hill, Fla. is a new Tape Fan, B.J. Bingham of
Festus, Mo is to be a Tape Fan shortly,

WATCH FOR THE RED STAR ON YOUR ENVELOPE. DUES ARE DUE!

A. Collins.

"RANK COLUMN"

August 1960

by Walter W.Spaulding

Well convention is over and a very good one it was. In all there was 30 members in all. My wife and I both enjoyed ourselves immensely only wished the time didn't go so fast. I believe that weekend is about the fastest in the whole year. I was very happy to be able to meet some members that I haven't met before. We were kind of worried about Don Ruland not arriving when he was supposed to but he had a flat on his airliner somewhere. We had 12 states represented. I want to take the opportunity to thank Tom Hidley, Ed Prond, John Olyp for there hospitality and to there efforts for a good time.

Well to get down to business. This month letters from John Parillo Girard, Ohio; Mr. Jim Pirch Richmond, Mo; Mr. John C. Dyckman Canfield, O Don Roller Fort Wayne, Ind. and B.J. Bingman, Festus, Mo. Dennis Smith, Cal.

John Parillo has sent in the following verie signers received from June 1959 on so some aren't too old

WBOY-TV	12	Clarksburg, W.Va. Roger Garrett G.M.
WTOL TV	11	Toledo, Ohio no signer on card
KOTV	6	Tulsa, Oklahoma. Robert Freeland Prom. Mgr.
KFEQ TV	2	St. Joseph, Mo. no signer on card
WEVJ	4	Miami, Fla. John A Shay VP in charge of operations
WESH TV	2	Daytona Beach, Fla. A.O. Peck Studio Eng.
KTVR	2	Denver, Colo. Les Dunn C.E.
WTHS TV	2	Miami, Fla. Vernon Bronson Dir.
WILX	10	Hotel Hayes Jackson, Mich. Donald L. Wright C. Eng.
KPAC-TV	4	Port Arthur, Tex. Frank Liens C.E.
WBRZ	2	Baton Rouge, La. Pat Weathersby C. Eng.
WDAF TV	4	Kansas City, Mo. Margaret Ann Sullivan Eng. Sect.
KOTA TV	3	Rapid City, S.D. Julien A Naber TV PD
KENS TV	5	San Antonio, Tex. W.J. Jackson C.E.
KPTX TV	3	Bryan, Tex. W.B. Cox C.E.
KEVO	3	Ottumwa, Iowa Loyd R. Hanson
KOCO	5	Okla. City, Okla. Glenn Davelly C.E.
CKNX TV	8	Wingham, Ont. Canada S.C. Reid Dir. of Eng.
WTTV	4	Bloomington, Ind. D.H. Morgan Ass. C.E.
WMSB	10	East Lansing, Mich. Linn P. Towsley C.E.
KOA TV	4	Denver, Colo. no signer on card 1044 Lincoln St.
WJAC TV	6	Johnstown, Pa. A.L. Vrooman Ass. C.E.
KRIS TV	6	Corpus Christi June Rossi

John has 162 stations, the longest low band is 1410 miles KGBT TV 4 in Harlingen, Tex. lonest high band is 450 miles WLUK TV 11 in Marinett Wisc. he received them when they was on WMBV

Thanks for the nice report John.

John C. Dykman Canfield Ohio has a small but good report this month I made a mistake last month in stating he was a ham operator but he is just in the process of being one.

WKBN TV	27	B.T. Wilkins C. Eng. 3930 Sunset Blvd. Youngstown, Ohio card
KDKA TV	2	J.B. Mitchell T.O.E. Pittsburgh, Pa. Card
KYW TV	3	S.V. Stadig, C. Eng.; 815 Superior Ave, Cleveland, Ohio Card
WEWS	5	James E. Bloyd, C. Eng.; Euclid Ave. at 30th St. Cleveland 1.
WJAC TV	6	Ted E. Campbell, C. Eng.; 329 Main St. Johnstown, Pa. Letter
WIIC TV	11	Henry R. Kaiser, C. Eng.; 341 Rising Main St. Pgh., Pa. Letter

Sign and off hours

KDKA TV	Pittsburgh	Sgt. 0800 0045	Sun. 0800 0045	WD 0700 0045	EDT
WFMJ TV	Youngstown	Sat 0800 0045	Sun. 0800 0045	WD 0700 0045	EDT
WKST TV	Youngstown	Sat. 1400 2345	Sun. 1400 2345	WD 1200 2345	EDT

Walter W. Spaulding
R.D.# 3 Box 168
Cardington, Ohio

AMERICAN IONOSPHERIC

PROPAGATION ASSOCIATION

"RANK COLUMN"

August 1960

by Walter W. Spaulding

Mr. Jim Pirck from Richmond, Mo. has the following.

Ch.	2	23	Sta.	Best	KCKT	290	miles	11	Stations	1959
Ch. 3	22	"	"	WCIA	340	"	9	"	"	"
Ch. 4	16	"	"	KARK	375	"	5	"	"	"
Ch. 5	4	"	"	KSD	225	"	3	"	"	"
Ch. 6	15	"	"	WPSD	360	"	9	"	"	" *record this yr.
Ch. 7	5	"	"	WBKB	400	"	5	"	"	"
Ch. 8	3	"	"	KTUL	275	"	3	"	"	"
Ch. 9	7	"	"	WGN	400	"	5	"	"	" *Record set this
Ch. 10	5	"	"	KROC	375	"	4	"	"	" 10 set this yr.
Ch. 11	5	"	"	KTHV	375	"	5	"	"	"
Ch. 12	3	"	"	KFVS	300	"	3	"	"	"
Ch. 13	3	"	"	WHO	200	"	3	"	"	"

Best ES 1960

XEW 1500 Miles * Record

CJBR 1600 Miles * Record

WTVJ 1400 Miles * Record

WLWT 550 Mi.

WDBO 1150 Miles * Record

Stations received over 1000 miles 28

Stations received over 750 miles 46

Number of states received 27

Number of countries 3

USA Mexico Canada

Number of stations as of July 11 111

Average milage as of same date 593 miles

Sign on and off hours

KFEQ 2 Sat. 0645 0100 Sun. 1100 0000 WD 0730 0030

KYTV 3 Sat. 0800 0030 Sun. 0800 0000 WD 0645 0000

WDAF 4 Sat. 0730 0115 Sun. 0900 0100 WD 0645 0000

KCMO 5 Sat. 0700 0300 Sun. 0745 0200 WD 0630 0230

KMOS 6 Sat. 1200 0015 Sun. 1200 2200 WD 1200 2230

KMBC 9 Sat. 0830 00115 Sun. 0730 0030 WD 0745 0100

WIBW 13 Sat. 0700 0230 Sun. 0730 0200 WD 0730 0230

Test Patterns

KMOS RCA KYTV WDAF IHTP KMBC KFEQ KCMO WIBW IHTP with call

Well thats it for this month hope to have more next time

One note here in Central Ohio WOSU-TV 34 will be off for the whole month of August annual vacation will return Sept.6

Walter W. Spaulding

R.D.# 3 Box 168

Cardington, Ohio

Mrs. W.E. Burritt, Waterloo, N.Y.---All are Es reception. July 3, WBRZ-2 KPRC-2 KVOO-2 WDAF-4 KRLD-4 WCTV-6; July 6, WESH-2 KPRC-2 KCKT-2 KRLD-4 WDSU-6 KCMC-6 KCEN-6.

Raymond Bell, Washington, Pa.---June 21, Es, Cuba -5; July 4, WLBT-3; July 6, KMTV-3 KFBC-5 WOW-6 (tent.).

Frank Wheeler, Erie, Pa.--- Es, July 3, WSB-2 KBTX-3; July 9, KFYR-5; July 20, WTHS-2. Via tropes, June 26, WNEM-5 WNBR-12; July 9, WJIM-6 WNEM-5; July 21, WNEM-5 WJIM-6; July 24, WSYR-3

Thomas J. Hidley, Chicago, Ill.---Es, July 4, WSAV-3; July 12, WOAI-4; TROPS, June 26, WEAU-13, June 30, WSJV-28; July 2, WCCO-4; July 4, WICS-20 WFIE-14 WMBD-31 WEEK-43 WTVP-17; July 7, WLBC-49 WCHU-33; July 9, WKNX-57 WANE-15; July 21, WEHT-50 WKYT-27; July 23, WCCO-4. His total is now at 138 with 2 new. Total pictures is 121. 30 UHF stations.

Billy Draeb, Kewaunee, Wis.---Es, June 21, KFDX-3 WOAI-4 KBTX-3 KPRC-2 KGNC-4 KMID-2; June 22, KPRC-2 WTHS-2 WPTV-5 WESH-2 WEAR-3 WAIQ-2 KPRC-2; June 23, KBTX-3 WOAI-4 KENS-5 WEAR-3 WEDU-3; July 3, WSB-2 WREC-3 WJXT-4 WPTV-5 WLBT-3 KVOO-2 KRLD-4 WBAP-5; July 4, KPRC-2; July 5, WBRZ-2; July 6, WUSN-2 WBTB-3 WJXT-4 WFBC-4 WRGP-3 KFDX-6 WPTV-5 WESH-2 WRBL-4 WKRG-5 WLBT-3 WSAV-3 WBRZ-2 KPRC-2 KPAC-4 KTBS-3; July 7, KBTX-3 WOAI-4 KENS-5 KPRC-2; July 8, KPRC-2; July 12, KPRC-2 KENS-5 KCEN-6 KTBX-3. TROPS, June 23, CKCO-13; July 2, WJAC-6 WIIC-11; July 20, WFAM-18. His log is now at 250

Bill Eckberg, Walnut, Ill.---Es, July 4, KTWO-2 KID-3 WAIQ-2; July 12, KMID-2; TROPS, June 28, WCHU-33; July 1, KTVH-12 KMBC-9 KAKE-10 KODE-12 WTCN-11 KOLN-10 KCMO-5 KELO-11 KOAM-7; July 10, KMSP-9 KORN-5 WOW-6 KTIV-6 KETV-7 KPLO-6 KELO-11 KDLO-3; July 11, KOLN-10 KELO-11; July 24, WTCN-11 WTOL-11; July 25, WHAS-11; July 27, WJRT-12 WTCN-11 KOLN-10 KELO-11. His log is now at 208, with 3 new.

John C. Dyckman, WPE8BY, Canfield, Ohio---June 20, TROPS, WFMJ-21; June 24, WJW-8; June 25, WIIC-11; June 28, WEWS-5; July 4, WJW-8.

Frank Hill, Gallipolis, Ohio---Es, July 2, WOAI-4 KMID-2; July 3, KDIX-2 KPLO-6 July 6, KCKT-2 WDAF-4 KFBC-5 KOA-4 KHPL-6 KVOO-2 KPRC-2 KTVR-2 KNOP-2 KHAS-5; July 8, WTHS-2 KMID-2; July 11, WTHS-2 KPRC-2; July 12, CMQ-4-5-6 WTAS-2 CMAB-2; July 13, KFEQ-2; July 15, WESH-2; July 18, KMID-2; July 22 Exc. ground wave out to 275 miles, also on July 23.

Art Friese, White Plains, N.Y.---He has the following stations on tape WAVY-10 WXEX-8 WJZ-13 WRC-4 WBZ-4 WNAC-7 WCAU-10 WFIL-6 WRCV-3 WNBX-12 WRGB-6. He has 2 channel Master 7 element TW's stacked 48 feet above the ground.

David Pomeroy, Overland Park, Kansas---He has only received one UHF channel and is interested in the possibilities of UHF DX. If there is any one in the AIPA who has a good knowledge of this, he would like information on it. (6308 W. 82nd Terrace) He has received KCTY-25. WSB-2 KBOI-2 WESH-2 WEAR-3 KWWL-7 KRNT-8 KETA-13 WHO-13.

Ben Deibler, Wellsburg, N.Y.---He got good photo of WTVJ using Ansco film 500asa also Of CJCB-4.

Eric Nelson, Sussex, N.B. ---May 19, Es, WISC-3; June 8, WSAV-3; June 17, WBTB-3 WSAZ-3 WAVE-3 WREC-3; June 18, WTVR-6. TROPS, May 6, WJAR-10; May 7, WNAC-7; May 12, WABI-2; June 29, WCSH-6; July 3, WMTW-8; July 8, CBHT-3

Dee Johnson got a dozy on July 30, XEWO-2 Guadalajara almost 2500 miles. Has audio on tape and 4 good photos.

Walker Ray, Baton Rouge, La.---New stations logged are July 6, WGR-2 WBAY-2; July 7, KTVE-10 WBRC-6; July 12, KONO-12. log is at 122

Bob Seybold, Dunkirk, N.Y.---TROPS, June 3, WHAS-11 WBNS-10 WCPO-9; June 18, WFMJ-21 WKBN-27 WKST-33 WANE-15 WPTA-21 WJRT-12 WWTW-13 WTVN-6 WLWC-4 WITI-6 WJIM-6; July 20, WMBD-31 WLEX-18 WSBT-22 WSJV-28 WKNX-57 June 17, WEDU-3 Es, WUSN-2 WDBO-6 WESH-2 WCSC-5 WSAV-3 WECT-6 WTHS-2; July 3, KTVO-3 WWL-4 KFBC-5 KOA-4 KTVR-2; July 5 very strong Es again.

Bob Seybold....continued July5, WBRZ-2 WWL-4 KALB-5 WDAF-4 KVOO-2
WREC-3 WMCT-5 KHAS-5 KTVR-2 KHPL-6 KSYD-6 WDSU-6 KRLD-4 WDBO-6 KARD-3
WKRK-5

John Parillo, Girard, Ohio--- Es, June22, KGBT-4 KPRC-2 WOAI-4 KPAC-4
KRIS-6; June23, KHPL-6 KNOP-2 KCKT-2 KPRC-2; July3, WLBT-3 KPRC-2 KPAC-4
KFDM-6 KGBT-4 KDUH-4 KVOO-2; July6, KRLD-4 WBAP-5 KFDX-3 KCMC-6 WTHS-2
KSYD-6 WKY-4 KMOO-2 KTVK-6 WDAF-4 KHPL-6 KOA-4; July8, KMID-2 WWL-4
WBRZ-2; July9, KDLO-3; July12, WTHS-2 WTVJ-4 CMQ-6 CMBF-4 WESH-2. TROPS,
July4, WILX-10; July9, WJPB-5. His log is now at 162 with 4 new

Gary Olson, Barrington, Ill.---TROPS, June18, WKRC-12 WCPO-9 WTHI-10
WKBT-8 WHTN-13 WHIO-7 WTVW-7 KWWL-7 WFEM-6 WISH-8 WLUK-11 WCSH-8 WJW-8
WBNS-10 WAVE-3 WSAZ-3 WILX-10 WTRF-7 WHAS-11; June20, WBNS-10 WHAS-11
WILX-10; June22, WILX-10 WGEM-10 WTHI-10 KROC-10 WKBT-8 WMSB-10 KCRG-9
WTTV-4 WWJ-4; July11, WEAU-13 WWTW-13 WKBT-8 WJRT-12 WKJG-33. Es, June16,
KBTX-3 XEFB-3(tent.) June17, KOOK-2 KCPX-4; June24, WEDU-3. Log is now
at 164 with 7 new.

CONTEST

STANDINGS

Donald Ruland	1,112 points	
Bob Berg	875 points	stations will count up
John Parillo	807 points	
Bill Nieman	678 points	until August 27.
Frank Wheeler	316 points	
Frank Hill	313 points	
Dennis Smith	106 points	
David Kanarr	70 points	

A fine time was had by all who attended the convention in Chicago.

Tom told me that there were 43 people there.

Bill Nieman

16 Wasson Street

Buffalo 10, N.Y.

Late NOTE I have just received word from Don Voegele that Walter Spaulding on Friday 5 fell off his porch and broke his leg in several places. I know that everyone wishes him a speedy recovery.

FM-DX

A.I.P.A.

August, 1960

6097 Macdonald Ave.

Montreal 29, Que.

Greetings. DX has been very good lately, judging from the reports received in the past month.

Ferdinand Dombrowski, 1335 Road B, Okauchee Wisconsin logged 7 new ones on June 22: WEFM 99.5; WSEL 104.3; WEAU 105.1; WXFM 105.9, all from Chicago area; WMFM 104.1 Madison Wisc.; WHFB 99.3 Benton Harbor; and WOC 103.7 Davenport Iowa. Ferdinands' log is at 29. Also WBON-107.7 and WMKE -102.1, both in Milwaukee, are due on in July. Thanks for the report.

John C. Dyckman, WPE8BY, 318 Fairview Avenue, Canfield Ohio has now logged 23 with 17 verified. The sched of WPIC-FM is noon to midnight, and WPIC verifies with a QSL and a coverage map if requested. WPIT-FM, Pittsburgh dittos WPIT AM's programming, as does WPIC-FM. Thanks John.

Jim Perch, 221 West Lexington, Richmond Missouri, sent a nice letter. Jim has logged 5 Kansas City stations, two in Kansas and one in Iowa. His only Es station is WWJ, Detroit on 97.1, logged on June 25. Thanks for the report, Jim, and write again.

Dennis Smith, 450 Poplar Avenue, Wasco California, has had some good luck with his FM loggings. By tropics: KSEF 94.9 San Francisco; KEAR 97.3 S.F.; KSEW-FM 102.5 Salinas Calif a new station just on the air; KBEE-FM 103.3 Modesto Calif.; KTRB-FM 104.1 Modesto; KMYC-FM Marysville Calif. By Es: KRLD-FM, 92.5 Dallas at 1350 miles; KGNC-FM 93.1 Amarillo at 1010 miles; and KHFM-96.3 Albuquerque N.M. 750 miles. The above loggings were from June 7 to July 23. Dennis, we will get the tape out very soon. I haven't gotten it from Brian yet. For anyone who is interested, The Apparatus Development Co., Wethersfield 9 Connecticut, has a book out called "All About FM Antennae and their Installation". This book has an FM list. It costs 30 cents. Thanks for all the information, Dennis. You'll be hearing from us soon.

Jim Hughes, P.O. Box 2182, Saginaw Michigan sent several very interesting reports. Jim's latest DX has been WKFM-103.5; WUOM-FM 91.7 Ann Arbor (heard in St. Helen's, 150 miles distant) WSOM-FM 105.1 Salem Ohio; WHHI Highland Michigan 91.3.; WHA-FM Madison Wisconsin 88.7; WHAD Delafield Wisc.; 90.7; WHKW 89.3 Chilton Wisc; WREO-FM Astabula O.; WEOL-FM Elyria O.; WWNC Arlington Heights Illinois 92.7. Most of the above were received on either an HH Scott 311A FM tuner or a Blaupunkt car radio.

From Jim's verie of WSOM-FM, Salem O., WSOM is operating on 100,000 watts on 105.1! William C. Glasser is C.E. Also WBOU-FM, Bay City Michigan is now operating on 96.1 with 41KW. They are now on BS. They welcome all reports, and W.L. Thompson is the C.E. Thanks for the letters Jim. I am writing you again tonight.

I am sure that everyone who attended the convention had a terrific time and that the convention was a great success. I am really anxious to read about it in the coming bulletin. I am sorry that I did not attend, but I was working. That's all the space I have this month, so 73 and good DX to all.

Phil

Southern DX
August, 1960

Compiled by: Donald Ruland,
834 8th St, Holly Hill, Fla.

DX conditions ranged from poor to about normal in the South during July.....with the "poor" reception being in Northeast Florida--hi! At any rate, here are the reports, with the new stations underlined.

Ray Foster Jr., Monroe, Louisiana---Via tropes: Jun25--WDSU-6; Jun28--KVOO-2, WBAP-5, WFAA-8, KRBC-9, KRLD-4, WHDQ-13, KFSA-5; Jun30--KOTV-6, KWTW-9, KPRC-2; July1--KFSA-5; Jul4--KRLD-4, WFAA-8, WDSU-6, KTRE-9; July5--KPRC-2, KVOO-2; July6--WREC-3; July7--KFSA-5, WICT-5, WWL-4, KPRC-2; July8--KRLD-4, WICT-5, KRCG-13, KTTS-10; July9--KVOO-2, KPRC-2; July10--KRLD-4, WFAA-8, WBRC-6, WREC-3, WWL-4, KPRC-2; July11--WOAI-4; July12--KVOO-2; July13--KPRC-2, WREC-3; July14--WREC-3; July15--WREC-3, WICT-5, KPRC-2; July22--KPRC-2; July23--KENS-5. Via E-skip: July6--WGBH-2, WJBK-2; July11--Spanish 2 & 3; July12--KDUH-4, KOOK-2, KTWO-2, KDIX-2; July14--WRCV-3; July21--XEW-2; July25--CKCK-2. Log now at 78, with 9 new this time.

Bill Meers, LaGrange, Kentucky---Via tropes: Jun30--WKBK-7; July2--WTV-9; July3--WCYB-5, WLOS-13, WSJS-12; July6--WDBJ-7; July7--WLOS-13; July8--WKBK-7; July10--KTHV-11; July19--KHQA-7; July20--WBIR-10; July21--WDBJ-7, WKBK-7, WCHS-8, WGN-9, WIVS-10, WISN-12, WTVH-19, WEEK-43, WMBD-31; July22--WTIC-11, WBOY-12, WLSL-10, WDBJ-7, WOAY-4; July23--WDBJ-7, KHQA-7, WKBK-7; July28--WXY 2-7, WTVH-19, WCHU-33, WMBD-31, WEEK-43. Via E-skip: July2--KPRC-2, KGBT-4, KENS-5, KMID-2; July8--WOAI-4, WTHS-2, WTVJ-4, KMID-2, CMBF-4, CMBF-2; July11--CMAB-2, WTHS-2, WESH-2; July12--WTHS-2, WESH-2, WTVJ-4, CMHQ-5, KGNC-4, KOB-4, CMAB-2; July13--KTVR-2; July19--CKTU-2, CMBF-2, WTHS-2; July26--CMBF-2. Via MS: July22--WSYR-3; July28--WTIC-3. Log now at 199, with 2 new.

v Ken Neal, Hamlin, Texas---Via tropes: May28--KTRE-9; Jun2--KETA-13. Via E-skip: May24--WJBK-2, WWJ-4, WUNC-4; May25--XEW-2; May26--KRCA-4, KNXT-2, KTLA-5, KCRA-3; May30--KOOK-2; May31--KREM-2, KXLY-4, CHCT-2, WFMY-2, WBTW-3, WBTH-2, WEDU-3, KOOK-2, WTHS-2; Jun2--WTHS-2; Jun3--WBAY-2, WSAV-3; Jun6--WFMY-2, KNXT-2; Jun7--CJIC-2; Jun8--WJBK-2; Jun10--KNXT-2, XEW-2, XHTV-4, XHGC-5; Jun15--WBAY-2, KDAL-3; Jun16--WLWD-2, WLWC-4, KOOK-2, KCPX-4, KID-3, KDOI-2; Jun17--KXJB-4; Jun19--KLRJ-2; June20--WFMY-2, WJBK-2; Jun21--WCCO-4, KSTP-5, KLRJ-2, KOOK-2, WBAY-2, KDAL-3, KRON-4, KGLD-3, WHT-2, WUSN-2, WCSC-5, KTVR-2, KNXT-2; Jun22--KYW-3, WJPD-5, KDKA-2; Jun23--WFMY-2, KXJB-4, WCSC-5, WUSN-2, WSAV-3; Jun24--WFTY-2, WUNC-4; Jun26--WAIQ-2; Jun29--WJBK-2. Via MS: May31--WJAR-2; Jun1--WESH-2; Jun23--WGR-2. His log now at 206, with 3 new this period.

Richard Bergen III, LaGrange, Kentucky---Via tropes: Jun19--KLTW-7 (680 miles); Jun23--WLAC-5; Jun26--WCIA-3; Jun27--WJV-8. Via E-skip: Jun23--KCKT-2, KPRC-2; July2--KGBT-4, KMID-2; July11--WTHS-2, WESH-2, CMAB-2; July19--CMBF-2. Total now at 97, with 4 new this month.

Ray Cannon, Farmville, North Carolina---Via tropes: July10--WMAR-2, WRC-4, WTTG-5, WTOP-9, WJZ-13. Would like to hear more from you, Ray.....what is your station total?

Robert Berg, Norfolk, Virginia---Via tropes: Jun28--WGAL-8, WDOC-16;
July9--WECT-6, WCAU-10, WFIL-6; July10--WECT-6, WUSN-2; July13--
WECT-6; July14--WGAL-8; July15--WECT-6, WSLs-10; July17--WCAU-10,
WRCV-3, WECT-6, WCYB-5; July18--WHIS-6, WECT-6, WSLs-10, WGAL-8,
WBTW-8, WFIL-6; July19--WECT-6, WDEJ-7, WSLs-10; July20--WECT-6;
July22--WCYB-5, WHIS-6, WDBJ-7, WSLs-10, WFIL-6; July23--WFIL-6,
WCAU-10, WCYB-5, WABC-7, WNEW-5; July24--WFIL-6, WOR-9, WCAU-10,
WRCV-3, WABC-7, WSLs-10; July25--WFIL-6, WSLs-10, WHIS-6, WDEJ-7;
July26--WECT-6, WPIX-11. Via E-skip: Jun30--KFEQ-2, WDAF-4; July2--
KVOO-2, KPAC-4, KSD-5, KTVI-2, WDAF-4, KYTV-3, KARK-4, KFSA-5,
KRLD-4, KPRC-2, WDAF-5, KOTV-6; July3--KVOO-2, KPHO-6, WDAF-4, WKY-4,
KOCO-5, KOT V-6, KFEQ-2, KCKT-2; July4--KTVI-2, KMOX-4, WAIQ-2,
KFEQ-2, WDAF-4, KCMO-5; July5--KVOO-2, CMQ-6, CMAD-2, CMKU-2, CMHQ-5,
CMDH-4; July6--WDAF-5, KARK-4, KRLD-4, KBTX-3, KPRC-2, KVOO-2,
KFEQ-2; July7--WDRZ-2; July8--KALB-5, KPRC-2, KPAC-4, KMID-2, KENS-5,
KBTX-3, KCMC-6, WTH S-2, WTVJ-4; July11--KVOO-2, KPRC-2, KPAC-4,
WDAF-5, KFIM-6; July12--KVOO-2, KPRC-2, KPAC-4; July13--KRLD-4,
KPRC-2, KFEQ-2; July14--KTIV-4, KMTV-3, KTCA-2, WCCO-4; July15--
WDRZ-2, WWL-4, KTBS-3, WCDI-4, WLBZ-3, KARK-4, WANG-6, WDSU-6, KSD-5,
KFSA-5, KVOO-2, WKY-4, KYTV-3, KFEQ-2, KTVI-2, WDAF-4; July17--
KFEQ-2; July26--KVOO-2, WKY-4, KFEQ-2. Log now at 110, with 15 new!!

Donald Ruland, Holly Hill, Florida---Via tropes: July1--WECT-6,
WITN-7, WNCT-9, WJBF-6, WBTW-8, WIS-10; July2--WBTW-8, WIS-10; July3--
WBTW-8, WIS-10; July5--WJBF-6; July7--WJBF-6; July14--WECT-6; July20--
WJBF-6; July21--WIS-10; July22--WIS-10. Via E-skip: July3--KDAL-3,
KDLO-3, KGLO-3, KMTV-3; July6--KGLO-3; July11--WDBN-4, CKSO-3,
KGLO-3; July12--KMTV-3, KARD-3, KFSA-5, KOCO-5, KFDX-3, WKY-4;
July14--KTCA-2 (over local). Via MS: July31--WHDF-4. XEW-2 con-
firmed my reception of their call on channel 3, on April 26, as
being XEZ-3, so the log is now 170, with 3 new.

Average mileage contest standings:

<u>DXer</u>	<u>Location</u>	<u>No. of stations</u>	<u>Average mileage</u>
Dee Johnson	Longview, Wash.	145	1196
Jim Dillon	Regina, Sask.	86	1059
Ken Neal	Hamlin, Texas	206	1007
Ron Hilding	Phoenix, Ariz.	125	1154
Dennis Smith	Wasco, Calif.	98	828
Don Ruland	Holly Hill, Fla.	170	796
Dave Webb	Springfield, Mass.	69	774
Robert Berg	Norfolk, Virginia	110	745
Ed Bourgeois	Norco, Louisiana	276	710
Morn Erint	Kennore, N.Y.	203	613
Jim Pirch	Richmond, Missouri	111	593
Frank Wheeler	Erie, Penn.	136	575
John Parillo	Girard, Ohio	162	560
Bill Draeb	Kewaunee, Wisc.	250	521
Richard Nieman	Buffalo, N.Y.	233	517
Bill Nieman	Buffalo, N.Y.	204	512
Richard Bergen	LaGrange, Ky.	97	479
Ray Foster	Monroe, Louisiana	78	464
John Dyckman	Canfield, Ohio	8	53

That's it for this month. Had a grand time at the convention...I'm
sure all who attended will agree. 73's,

Donald Ruland, SDX

Pvt John Cody
"I" Co, USASCS,
Ft. Monmouth, N.J.

TIPS N' TRICKS OF TV-DX

Antennas (Part I)

Last month we left off with impedance matching still not discussed. Impedance matching is the matching of the total resistance (measured in ohms) between the antenna, lead-in, and TV set. The impedance of the three must be equal or a loss in signal strength occurs. If all three had an impedance of 300 ohms, a perfect match thus no loss occurs. Most antennas have a fair impedance match.

For all you apartment dwellers, Jerrold has developed a new concept in indoor antennas which has its elements printed directly on a mat-like structure which can be put in the attic or even under the living room rug (keep the kids off the antenna, Ma-Hi!). The unit called the Magic Carpet, sells for \$10 and supposedly has a gain almost as good as a conical (about 8db). Jerrold is planning on putting a higher gain model on the market soon.

Some of you may be planning on getting a so-called "line-cord" antenna, which is actually just a lead-in connected to the AC outlet and isolated from the AC by a simple filter. I tried one out a while ago and found that if properly adjusted, gave better gain than a rabbit ears, but with ghosts and separate channel adjustment. This type antenna could give fair gain in your particular power line but I wouldn't recommend buying one.

A good way to soup up your dx system is to stock antennas. ~~Stacking~~ Stacking adds roughly 28% of the gain of a single antenna to the array. Thus an antenna with a gain of 12db should have a gain of about 15db when stacked. If a stacking kit is not available, you can make your own using low-loss line. The July issue of "Dxing Horizons" contains a chart on stacking distance.

A type of antenna rarely used by dx'ers but highly popular among scientists, etc. is called the helix. This type of antenna is easy to construct, gives high uniform gain and broad bandwidth. This type antenna consists of a helical wire of usually 4-30 turns of wire set horizontally against a vertical ground plane. This would be an excellent antenna for VHF because of its gain and bandwidth. A helix consisting of ten turns should give a gain of around 15 db. One having 20 turns gives about 18 db. This is the practical limit. The helix should be wound with large diameter copper wire. The ground plane is usually made of sheet aluminum, but if a VHF model is desired I think aluminum screening would do a good job. The helix should be supported by some type of insulator.

The helix diameter for VHF should be $5\frac{1}{4}$ ". The turns spacing is 3 and five eighths inch. The minimum ground plane diameter is 9". Sound pretty good? Adding turns and increasing ground plane diameter will increase the gain. Of course you can stack helixes too. Make sure that the ground plane does not touch the helix, which should be insulated as it passes through the center of the ground plane to the lead-in. If you are using 300 ohm lead you will have to use a matching transformer because the helix has an impedance of 75-95 ohms. This is lowered when stacked. This antenna will do a good job on VHF also, but its size is quite large in comparison to the yagi.

Aug. 6, 1960

Again we talk about the unusual, the immensity of space, perhaps we should say, "What is beyond the blue horizon?" This may add to your imagination. Most everybody has read Gulliver's Travels, published in 1726, wrote that Mars had two satellites and his complete description was most accurate for they were discovered in 1877 by Asaph Hall of the Naval Observatory in Washington. How did Swift know this? It is unlikely that Jonathan Swift had optical equipment good enough to observe two moons revolving around Mars, and is traveling much closer to Mars than our one moon traveling around our Earth. What is amazing, that Phobos the inner moon is only several hundred miles above Mars, and is traveling about three times in twenty-four hours. The moon called Deimos is traveling around Mars, but further out in space. Are these moons on the order of sputniks, or could they be artificial? At least this is the \$64,000 question.

Clyde W. Tombaugh an astronomer discovered a planet called Pluto, has seen six or eight greenish lights traversing the sky at a steady velocity, having no sound, and with this, an object apparently cigar shaped was silhouetted against the sky. Seeing this at night he believed the pattern of lights to be two rows of windows. "In all my several thousand hours of sky watching, I have never seen anything so strange as this". This incident happened on August 20, 1949 at Las Cruces, New Mexico. Evidently our space friends are no respecters of persons for they have allowed themselves to be seen by astronomers as well as the ordinary man on the street.

If the word of the astronomers is not convincing enough, then perhaps the outline of typical UFO (unidentified flying objects) reports many years ago as well as in recent times will help to back them up. Hold on to your straps, for we are waiting into some outstanding events that will surely be a stepping stone, and will soon come to pass. Most puzzling, unexplained, and truly mysterious will become unscrambled in the very near future.

You would be surprised at the number of space investigators that are constantly watching the outer space, governments, scientist, astronomers, then we have the short wave, Fm and TV DXers who are all looking for something coming out of space. Some draw a big salary as space detectives. But the DX dial twisters do it as a hobby, any way we have fun doing it.

Best regards to all.

Thomas J. Hidley

"TV CORNER" The New Red Breakfast Cereal is called, "KHRUSHCHEV'S KREMLIN KRUMBLES".

They say the night falls, and the day breaks. Who can put the peices together?

6117 North Canfield Ave.,

Chicago 31, Illinois

Mr. R. J. Baker of the BBC overseas Publicity Department has passed the word along to me that any TV fan interested in the BBC TV should pay a visit to the British Exhibition now being held in the New York City Coliseum.

The BBC does not have color TV yet, according to Mr. Baker. Experiments have been carried out but the final decision rests with the Television Advisory Committee and not with the BBC.

Swappers Articles:

RICHARD BERGEN III, 109 Woodlawn Ave., LaGrange, Kentucky---1 Hallicrafters S40B Receiver for sale.. formerly owned by a state police radio operator... has five extra tubes, covers four bands: 540-1600 ke., 1.7 mc-5.4 mc, 5.3-16.0 mc, 15.5-44 mc. Has been asking \$60...will take best offer over \$50 from club members or friends of same.

DON & JOHN VOEGELE, 5572 Broadway, Lancaster, N.Y.--Heath T-3 signal tracer with precision E-200 signal generator. Heath OM2 oscilloscope with precision E-400 sweep generator. DX35 (Heath) Amateur transmitter. Heath OFI multiplier. RCA 10-watt amplifier and 12" speaker--RCA 15" speaker with 2 pound magnet (\$25).

Unusual receptions: Recently, a new found friend of mine Jim Grover of Crossfield, Alberta, Canada, had an unusual experience. Jim thought either he or his set had gone crazy (hi!). He picked up several low-band stations on the high-band. He definitely was not crazy..this can and does happen once in a great while. As I recall, this is called harmonics. In 1956 here at the convention, Art & King & Seybold and several others of us were watching channel 11 out of Durhan, N.C. when all at once channel 4 in Chapel Hill, N.C. cut in on it. So if any one ever tells you of this experience, don't think then "nu ts" because it could happen to you! Hi!

Robert B. Cooper Jr., editor of DXing HORIZONS has promised me an article on TV in El Salvador. It is our hope to run this at the same time it appears in DXH. Thanks Bob.

Until next month...

73's,

"The Old Buckeye"

....."Your AIPA Monthly Meteor Scatter Column".....
Conducted by: Billy Draeb Ellis Street Kewaunee, Wis.

Well, from the reports recieved to date I would say that Ms wasn't too active or the Dxers were too busy watching Es which is O.K. as I was doing likewise. Here are the reports for this month---

Jim Pirch, Richmond, Mo.---July 13th WGR-2, WFMY-2; July 15th WCBS-2.
Thanks for the report Jim.

Bill Meers, La Grange, Ky.---June 4th WTIC-3; June 5th WCBS-2, WTIC-3.
Glad to hear from you Bill.

John Parillo, Girard, Ohio---June 10th unided IHTP on ch.2 seen eight times between 0310 and 0350 EDST from the West; June 19th KENS-5 (1,282miles).

Billy Draeb, Kewaunee, Wis.---June 25th WSB-2; July 3rd WRBL-4; July 16 WRBL-4.

Well, I couldn't get to the convention this year and I sure wish I could have made it but I couldn't. Ferdinand Dombrowski was up here to visit me on the 18th. He came right from the convention and he says there were quite a few members there. He stayed over night and the next morning we were going to get up early and watch for Ms but there was heavy aurora all the way up to ch.11 and we didn't se anything.

I managed to get a few new stations though this past month. On July 2 WIIC-11(465mi) and WJAC-6(525mi) were in via tropz and they were new to me. Then on the night of the 20th VHF stations were good to the South so I thought I would try hooking up my converter which I thought was broke and I saw chs.16, 22, &28 with excellent signals and I saw WFAM-18 (275mi) riding in over WXIX-18. WFAM-18 was the new one for me also. My log is now at 250. By the way I used my VHF antenna to pick up UHF since my UHF antenna was damaged last March when it was blown down. I think in about a month I'll have enough cash to get a new UHF antenna and until then my VHF antenna will have to do and it does work quite well only it isn't very directional.

The Perseids meteor shower is coming up in the first half of August so keep your eyes open for increasing burst rates from the 1st to the 15th and especially during the 12th to the 14th when it is suppose to peak. I sure hope I see and identify a few hi-banders.

I guess thats it for this month then. All late reports will be in next months bulletin and don't forget the deadline of the 25th of each month as a couple of times I've recieved reports after then.

Bill

Charles Wood 113 Pine Street Ashland, Oregon American Ionos. Propa. Association

This month the only thing will be about the Western Convention. Most of the members are working and can't attend however if everything goes as planned about eight or ten people should be there or rather here including several non-number local DXers.

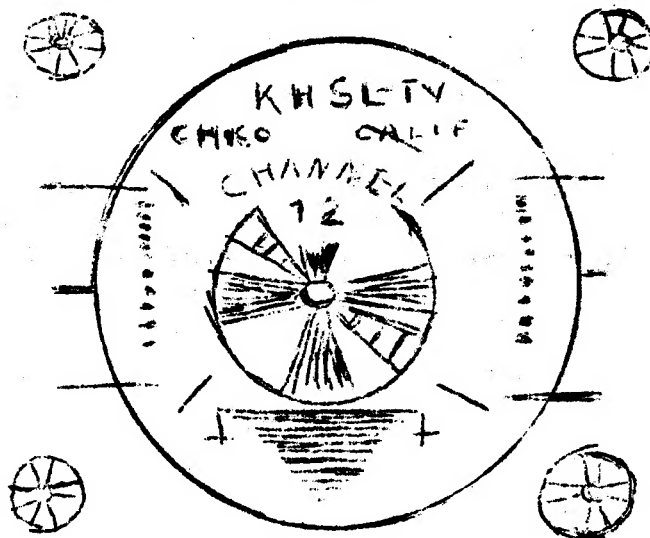
I have planned a one day and perhaps an overnight stay at Mt. Ashland. That time of the year, tropic reception should be very good up there. The convention will be held the first weekend after August 22. At the present time I'm working and can devote only a small amount of time to DXing. By that time, however if everything goes well I should have the following DXing equipment at my home. A stacked CL4X with a new Alliance Rptor, the new Finco Fringe area FM antenna using my present rotor for that. Right now I have added an EICO HFT-90 FM tuner, it seems to be very sensitive, it is aligned and working perfectly, I also have a Knight Hi-Fidelity amplifier. There is also the possibility of my getting the Blender-Tongue mast mounted FM booster.

I would appreciate some mail, it has been coming in pretty steady, lets keep it that way. I must close for now, sorry the column was so short this month, I'll try to make up for it next month. Best of DX(if you want to exaggerate) and 73's.

Charles Wood----

Here is a short post scribe, I got back from Mt. Ashland, Sunday afternoon and I thought that I would tell about the trip. Twenty-two VHF stations were logged by tropic, and five Canadians by skip. They were very strong. Local channel five with about 10,000 mvs was completely knocked out at times! Also grade AA KOTI was completely knocked out by CKCK in Regina. Using my CL4X for an FM antenna, I logged about 15 stations, approximately five were grade A including two from Portland, a distance of 250 miles, 95% of the time. Well somuch for Mt. Ashland. I hope to see some of you Western DXers at the Western Convention.

SO WHAT!
IF I CAN'T
DRAW--



LETTERS ABOUT THIS & THAT

SOME -ABOUT- SKIP-TOO!!

Ron Hilding of Phoenix, Arizona wrote a long interesting letter this month. He's working at the Arizona State Hospital this summer. Ron has been home since June 25th and only logged one new station this ~~year~~ summer...KDUH-4. His log now stands at 125. He sends along the info that on July 15th, KPHO-5 went from 17.5 kw to 100 kw., with antenna 1770 feet above average terrain. Ron's log reads: Jan. 1, WBRZ-2/KPRC-2/WOAI-4/KPAC-4/ June 28, KTVI-2/July 3, KTVI-2/KFEQ-2/ July 5, KNOP-2/KDUH-4 NEW/KTVR-2/July 11, KTVI-2/KFEQ-2/KVOO-2/KYTV-3/ WREC-3/WLBT-3/KTBS-3/KARK-4/WKY-4/July 19, KREM-2/July 23, unid ch.3. Nice to hear from you again, Ron..glad to have you among us again.

Edward Rugel, of Independence, Kansas writes that since his last report his log has risen to 210 with the addition of KTLF-6/KXLF-4/ WEDU-3/. It took him a few days to identify KXLF..as they were using the call letters XLTV when he got them. June 22, WJXT-4/WESH-2/WSAV-3/ WUSN-2/June 23, WGR-2/KXLF-4/KOOK-2/KID-3/KBOI-2/KTLF-6/June 28, WBAP-5/KTBS-3/KSWO-7/June 29, KARK-4/July 6, CJIC-2/CKVR-3/July 12, KID-3/ KBOI-2/KXLF-4/KXY-4/WEDU-3/ also KTLF-6 on June 23rd NEW/. Ed went to the convention..and sounds like he really enjoyed it. He got rid of the antenna which I mentioned in last months bulletin, and now has a Channel Master ch. 2-6..with rotor..and has been trying out a 1960 17" Zenith portable t.v...so you are all set for dx..but what is this? He says he will be heading for Kansas University next month..so this will be his last report for this season..except at Xmas or Easter. Well, who knows..maybe next year dx will be better anyway..it sure can't get much worse!! hi

Ed Hepp of Tucson, Arizona writes for the first time in ages, and I'm glad to report that Ed is still dxing in some of his spare time, and has logged quite a bit of Es. Ed wants to know if anyone can tell him the location of XHTV-6..the relay station of XEZ-3. If anyone knows..drop me a card..and forward the info...thanks.. Ed says they live only 1 mile from KVOA-4 and KUAT-6. While in Tucson, Ed is working at KCEE radio, 790kc..1000 Watts..as announcer. Log reads:April 13, KVOO-2/May 8, KIID-2/May 15, KRLD-4/KVOO-2/June 8, WBRZ-2/KOTI-2/June 9, KENS-5/KTVI-2/XEW-2/KRGV-5/June 10, unid spanish ch.3/June 11, KNOP-2/WDAF-4/KMTV-3/KFDX-3/KVOO-2/June 26, KBAY-2/KBOI-2/ June 27, KREM-2/June 28, CHCT-2/June 29, KTWO-2/KUTV-2/June 30, KREM-2/ July 2, WKRG-5/KALB-5/KTVU-2/KPRC-2/KENS-5/July 5, KBOI-2/July 6, KNOP-2/KPRC-2/JULY 8, KSYD-6/KTVI-2/KSD-5/KVOO-2/KOOK-2/July 9, XEW-2/ XEZ-3/XEWO-2/July 12, KFEQ-2/WMT-2/KPRC-2/July 13, KPRC-2/XEW-2/XHGC-5/ XEZ-3/XHTV-6/July 14, KTWO-2/KING-5 (hey, you're getting close to home) CHCT-2/July 16, XEW-2/XEZ-3/XHTV-4/XEWO-2/July 20, KDIX-2/KOOK-2/. Real good loggings Ed..write again soon.

Jim Dillon of Regina, Sask., Canada says he logged 1 new station for this period..bringing his log up to 86. Jim says it has been very hot there..101' ..It's been hot here too...Log reads: May 27, CKSO-5, June 25, KXMC-13/KUMV-8/July 6, CJFB-5/KXMC-13/July 8, CJFB-5/July 9, KXMC-13/WCIA-3/KTVI-2/WSIL-3 NEW/July 11, CJFB-5/ July 13, CJFB-5/. Thanks Jim.

MUCH LUCK TO CHARLES WOOD WHO IS HOLDING THE WESTERN CONVENTION AT HIS PLACE IN ASHLAND, OREGON ..SOMETIME THE LAST PART OF AUGUST. WRITE CHARLES FOR DETAILS AND EXACT DATES...HOPE IT IS A HUGE SUCCESS. WISH IT WERE POSSIBLE FOR ME TO GO DOWN THERE AND ATTEND..BUT NO LUCK.

Dennis Smith writes that he sure agrees with me that this is a terrible year for dx. He has logged only one new station this summer bringing his total up to 98 (think you'll ever make 100?). He says it has been very hot there too..with temp. 105 and even up to 110 for over a week...Our highs have been in between 90 and 100 for this past 2 weeks. Dennis says that since he is going up to the convention (at Ashland, Ore.) he will be flad to pick up and take along any other dxers between Bakersfield, Calif., and Ashland..so let him know if you want a ride. Log reads: June 8, WKY-4/KOCO-5/KGNC-4/KARD-3/KCKT-2/ June 10, WOAI-4/KMID-2/June 11, KOOK-2/KXLF-4/CHCT-2/June 18, KOMO-4/CBUT-2/KING-5/CHCT-2/KOTA-3/June 21, CHCT-2/KPRC-2/KOMO-4/July 3, KMID-2/KOCO-5/WKY-4/KRLD-4/KFDX-3/July 5, KARD-3/KVOO-2/WKY-4/KGNC-5/KFDX-3/KSYD-6/July 12, KCKT-2/KOOK-2/CHCT-2/KREM-2/KARD-3/KXLY-4/July 14, KVOC-2/CKCK-2/CHCT-2/CERN-3/July 19, KDIX-2/July 20, KTIV-2/July 23, CHCT-2 Thanks for writing Dennis..always enjoy hearing from you.

Jim Pirch for Richmond, Missouri writes that dx was good the last part of June but now he is beginning to think this is a bad year for dx. His log is at 111 stations with only 19 new for this time. Golly that isn't bad,, Jim..wish I could get 19 new ones...Log reads: June 21, WESH-2/XEM-3 new/KVOA-4 new/WBTV-3 new/XEW-2 new/June 22, WTHS-2 new/WAIQ-2/WESH-2/KMID-6/KGLO-3/WEDU-3 new/WSAV-3/KTVK-3/WUSN-2/June 23, WCBS-2/WBTV-3/WSAV-3/WESH-2/KID-3/KTWO-2/KTLE-6/June 29, KROC-10 new/KWWL-7/WOC-6/KTIV-4/KELO-11/WMT-2/KPLR-11/WOI-5 new/KCRG-9 new/WHBF-4/July 6, WHIS-6 new/WTAR-3/WFMY-2/WOAY-4 new/WFBC-4 new/WBTV-3/WSAZ-3/WBEN-4/WGR-2/WSVA-3 new/WSAV-3/WESH-2/July 8, WHBF-4/WOC-6/WTHS-2/WTVJ-4 new/WDBD-6/ new/WJXT-4/WCTV-6/KTVK-3/July 11, WMT-2/KWWL-7/WOC-6/July 12, WEDU-3/WTHS-2/July 13, WGR-2/WFMY-2/July 14, WESH-2/WJXT-4/WSAV-3/ Hope you log 19 more this coming month.

My log reads: July 2, IHTP-3/July 3, KTVK-3/July 7, KOTA-3/unid ch.2 and 3..all by what looked and acted like tropes/July 8, KTVK-3/XEM-3/July 9, CKCK-2/KDLO-3/KFYR-5/KDIX-2/July 11, XEM-3/KNXT-2/July 14, KNXT-2/KRCA-4/KOB-4/KUTV-2/KOA-4/IHTP-2/KTWO-2/KNOP-2/KTVK-3/KHAS-5/KDUH-4/IHTP-5/KOTA-3/KTIV-4/KTWO-2/KFBC-5/July 20, KNXT-2/KRCA-4/KTVK-3/KTVU-2/July 23, KCKT-2/KUTV-2/KOOK-2/KOTA-3/KDUH-4/EORN-5/NEW/unid ch.6?/KTVR-2/KTVK-3/KTWO-2/July 26, KEYT-3/KRON-4/KCRA-3/July 28, KDLO-3/unid ch.2/KCKT-2/KMTV-3/KNOP-2/CKCK-2/July 30, KNXT-2/The one new..will bring my total up to 146 logged I think..will have to check for sure.

No more logs to report..so guess I'll close from here. Thanks to all of you who have written...one of these days I shall surprise you all and answer...hi

DEE

Co-Channel Interference---Bedford Brown, Jr., 9200 Argyle, St. Louis 14

AIPA 1960 Convention

What a wonderful event was the Chicago convention! I am deeply grateful to our hosts and hostesses for making possible such a memorable occasion. I certainly enjoyed meeting all you fine people and hope to meet even more of you in '61.

Unidentified Programs(All time is Eastern Standard Time.)

Jim Parch, 221 West Lexington, Richmond, Missouri

1. July 1 ch.4 1:00pm news with a clock on wall and a 4 above it(KCPX?)
2. July 3 ch.2 "Ranch Party" 1:00pm, then a movie at 1:30 starring Shirley Temple in "Poor Little Rich Girl"(WKTV or WGR?)
3. July 6 ch.2 Amos and Andy 9:10am.
4. July 8 ch.5 9:15am Lady showing how to draw, WROC? WNEW?
5. July 11 ch.2 2:15pm Lady talking about socks with 20% off

ATTN!!! NEW YORK DXers--Most of Jim's unidentifieds probably from your area!!

Dennis Smith, 450 Poplar Avenue, Wasco, California

1. July 3 ch.6 4:40pm-Football game-Los Angeles vs ?????
2. July 5 FREQ. MD.(FM) approx. 96.3mc-discussion & performance of German folk-dance music.

CATASTROPHE(?) IN HOT SPRINGS

Taking advantage of a three-day weekend(July 29-31) I jaunted down to Hot Springs and logged eight new stations.(Details in Sept.S-Dx Col.). While I was in Hot Springs, the antenna of new KNAC-TV 9 collapsed; several workmen were injured, none seriously in the catastrophe(?) atop a 1500 ft. peak within the city limits!!!! Suspicious, isn't it?

PRONOUNCIATION OF SPANISH ALPHABET

a=ah b=bay c=say ch=chay d=day e=ay f=ayffay g=hay h=ahchay
i=ee j=hotah k=kah l=ayllay m=aymmay n=aynnay o=oh p=pay
q=koo r=ayrray s=ayssay t=tay u=oo v=vay x=aykess z=zaytays

W can be doughblayoo or doughblayvay, depending upon area

Y can be ee or eegreeaygah, also depending upon country

I am open to corrections on any of these. The best way to learn is to practice listening to short wave Latin radio stations.

DX-HORIZONS

The August issue of DX-H has not arrived in St. Louis; therefore the discussion of the magazine must be omitted this month.

Until September, 73's and best dx to all, Bedford Brown.